



FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. TAN-2-1403.05.US	SERIAL NO. 09/997,732
	APPLICANT James A. Proctor, JR.	
	FILING DATE November 29, 2001	GROUP 2616

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,107,469	08/15/1978	Jenkins			
		4,577,316	03/18/1986	Schiff			
		4,625,308	11/25/1986	Kim et al.			
		4,675,863	06/23/1987	Paneth et al.			
		4,817,089	03/28/1989	Paneth et al.			
		4,841,526	06/20/1989	Wilson et al.			
		4,862,453	08/29/1989	West et al.			
		4,866,709	09/12/1989	West et al.			
		4,912,705	03/27/1990	Paneth et al.			
		4,949,395	08/14/1990	Rydbeck			
		5,022,024	06/04/1991	Paneth et al.			
		5,027,348	06/25/1991	Curry			
		5,027,400	06/25/1991	Baji et al.			
		5,068,916	1/26/1991	Harrison et al.			
		5,101,416	03/31/1992	Fenton et al.			
		5,103,459	04/07/1992	Gilhousen et al.			
		5,114,375	05/19/1992	Wellhausen et al.			
		5,115,309	05/19/1992	Hang			
		5,226,044	07/06/1993	Gupta et al.			
		5,268,900	12/07/1993	Hluchyj et al.			
		5,282,222	01/25/1994	Fattouche et al.			
		5,325,419	06/28/1994	Connolly et al.			
	*	5,353,332	10/04/1994	Raith et al.			
		5,355,374	11/11/1994	Hester et al.			
		5,373,502	12/13/1994	Turban			

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		5,375,124	12/20/1994	D'Ambrogio, et al.			
		5,388,102	02/07/1995	Griffith et al.			
		5,394,473	02/28/1995	Davidson			
		5,412,429	05/02/1995	Glover			
		5,414,728	05/09/1995	Zehavi			
		5,442,625	08/15/1995	Gitlin et al.			
		5,446,727	08/29/1995	Bruckert et al.			
		5,463,629	10/31/1995	Ko			
		5,471,463	11/28/1995	Hulbert			
		5,481,533	01/02/1996	Honig et al.			
		5,490,136	02/06/1996	Sereno et al.			
		5,511,068	04/23/1996	Sato			
		5,559,789	09/24/1996	Nakano et al.			
		5,581,575	12/03/1996	Zehavi et al.			
		5,585,850	12/17/1996	Schwaller			
		5,586,119	12/17/1996	Scribano et al.			
		5,590,409	12/31/1996	Sawahashi et al.			
		5,592,470	01/04/1997	Rudrapatna et al.			
		5,592,471	01/07/1997	Briskman			
		5,598,416	01/28/1997	Yamada et al.			
		5,606,580	02/25/1997	Mourot et al. <small>Corresponds to 0635949EP</small>			
		5,617,423	04/01/1997	Li et al.			
		5,619,492	04/08/1997	Press et al.			
		5,642,348	06/24/1997	Barzegar et al.			
		5,642,377	06/24/1997	Chung et al.			
		5,655,001	08/05/1997	Cline et al.			
		5,657,358	08/12/1997	Panech et al.			

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		5,663,958	09/02/1997	Ward			
		5,663,990	09/02/1997	Bolgiano et al.			
		5,673,259	09/30/1997	Quick, Jr.			
		5,687,194	11/11/1997	Paneth et al.			
		5,689,502	11/18/1997	Scott			
		5,697,059	12/09/1997	Carney			
		5,699,364	12/16/1997	Sato et al.			
		5,708,656	01/13/1998	Noneman et al.			
		5,734,646	03/31/1998	I et al.			
		5,742,592	04/21/1998	Scholefield et al.			
		5,745,484	04/28/1998	Scott			
		5,758,288	05/26/1998	Dunn et al.			
		5,781,542	07/14/1998	Tanaka et al.			
	*	5,781,543	07/14/1998	Ault et al.			
		5,784,406	07/21/1998	DeJaco et al.			
		5,790,551	08/04/1998	Chan			
		5,790,549	08/04/1998	Dent			
		5,793,744	08/11/1998	Kanerva et al.			
		5,802,046	09/01/1998	Scott			
		5,802,465	09/01/1998	Hamalainen et al.			
		5,825,807	10/20/1998	Kumar			
		5,828,659	10/27/1998	Teder et al.			
		5,828,662	10/27/1998	Jalali et al.			
		5,841,768	11/24/1998	Ozluturk et al.			
		5,844,894	12/01/1998	Dent			
		5,845,211	12/01/1998	Roach			
		5,854,786	12/29/1998	Henderson et al.			
		5,856,971	01/05/1999	Gitlin et al.			
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		5,859,840	01/12/1999	Tiedemann, Jr. et al.			
		5,859,879	01/12/1999	Bolgiano et al.			
		5,872,786	02/16/1999	Shobatake			
		5,881,060	03/09/1999	Morrow et al.			
		5,881,368	03/09/1999	Grob et al.			
		5,884,196	03/16/1999	Lekven et al.			
		5,894,473	04/13/1999	Dent			
		5,896,376	04/20/1999	Alperovich et al.			
		5,898,929	04/27/1999	Haartsen			
		5,910,944	06/08/1999	Callicotte et al.			
		5,910,945	06/08/1999	Garrison et al.			
		5,914,950	06/22/1999	Tiedemann, Jr. et al.			
		5,923,650	07/13/1999	Chen et al.			
		5,930,230	07/27/1999	Odenwalder et al.			
		5,950,131	09/07/1999	Vilmur			
		5,956,332	09/21/1999	Rasanen et al.			
		5,959,980	09/28/1999	Scott			
		5,966,374	10/12/1999	Rasanen			
		5,991,279	11/23/1999	Haugli et al.			
		6,001,800	12/14/1999	Mehta et al.			
		6,002,690	12/14/1999	Takayama et al.			
		6,009,106	12/28/1999	Rustad et al.			
		6,005,855	12/21/1999	Zehavi et al.			
		6,011,800	01/04/2000	Nadgauda et al.			
		6,016,312	01/18/2000	Storn et al.			
		6,028,868	02/22/2000	Yeung et al.			
		6,049,535	04/11/2000	Ozukturk			
		6,049,538	04/11/2000	Scott			
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		6,052,385	04/18/2000	Kanerva et al.			
		6,058,338	05/02/2000	Agashe et al.			
		6,064,678	05/16/2000	Sindhushayana et al.			
		6,069,880	05/30/1999	Owen et al.			
		6,069,883	05/30/2000	Ejzak et al.			
		6,078,572	06/20/2000	Tanno et al.			
		6,081,536	06/27/2000	Gorsuch et al.			
		6,088,335	07/11/2000	I et al.			
		6,094,421	07/25/2000	Scott			
		6,094,576	07/25/2000	Häkkinen et al.			
		6,097,733	08/01/2000	Basu et al.			
	*	6,101,176	08/08/2000	Honkasalo et al.			
		6,111,863	08/29/2000	Rostoker et al.			
		6,112,092	08/29/2000	Benveniste			
		6,134,233	10/17/2000	Kay			
		6,151,332	11/21/2000	Gorsuch et al.			
		6,157,619	12/05/2000	Ozluturk et al.			
		6,161,013	12/12/2000	Anderson et al.			
		6,163,707	12/19/2000	Miller			
		6,169,731	01/02/2001	Stewart et al.			
		6,196,362	02/27/2001	Darcie et al.			
		6,198,723	03/06/2001	Parruck et al.			
		6,208,871	03/27/2001	Hall et al.			
		6,212,175	04/03/2001	Harsch			
		6,215,798	04/10/2001	Carneheim et al.			
		6,219,342	04/17/2001	Rege			
		6,222,828	04/24/2001	Ohlson et al.			
		6,222,832	04/24/2001	Proctor			
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		6,226,527	05/01/2001	Dalsgaard et al.			
		6,233,439	05/15/2001	Jalali			
		6,236,647	05/22/2001	Amalfitano			
		6,243,372	06/05/2001	Petch et al.			
		6,246,673	06/12/2001	Tiedmann et al.			
		6,259,683	07/10/2001	Sekine et al.			
		6,262,980	07/17/2001	Leung et al.			
		6,263,013	07/17/2001	Hendrickson			
		6,269,075	07/31/2001	Tran			
		6,269,088	07/31/2001	Masui et al.			
		6,272,168	08/07/2001	Lomp et al.			
		6,285,665	09/04/2001	Chuah			
		6,307,840	10/23/2001	Wheatley III et al.			
		6,310,859	10/30/2001	Morita et al.			
		6,353,412	03/05/2002	Soliman			
		6,356,555	03/12/2002	Rakib			
		6,366,570	04/02/2002	Bhagalia			
		6,366,786	04/02/2002	Norman et al.			
		6,370,117	04/09/2002	Koraitim et al.			
		6,373,830	04/16/2002	Ozluturk			
		6,373,834	04/16/2002	Lundh et al.			
		6,377,548	04/23/2002	Chuah			
		6,377,809	04/23/2002	Rezaiifar et al.			
		6,388,999	05/14/2002	Gorsuch et al.			
		6,389,000	05/14/2002	Jou			
		6,396,804	05/28/2002	Odenwalder			
		6,418,148	07/09/2002	Kumar et al.			
		6,452,913	09/17/2002	Proctor, Jr.			
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		6,456,608	09/24/2002	Lomp			
		6,469,991	10/22/2002	Chuah			
		6,473,623	10/29/2002	Benveniste			
		6,498,785	12/24/2002	Derryberry et al.			
		6,498,790	12/24/2002	Shaheen et al.			
		6,504,830	01/07/2003	Östberg et al.			
		6,519,452	02/11/2003	Agostino et al.			
		6,519,651	02/11/2003	Dillon			
		6,526,039	02/25/2003	Dahlman et al.			
		6,526,064	02/25/2003	Bousquet <small>Corresponds to 2761557 FR</small>			
		6,526,281	02/25/2003	Gorsuch et al.			
		6,532,365	03/11/2003	Anderson et al.			
		6,542,481	04/01/2003	Foore et al.			
		6,545,986	04/08/2003	Stellakis			
	*	6,545,994	04/08/2003	Nelson et al.			
		6,567,416	05/20/2003	Chuah			
		6,570,865	05/27/2003	Masui et al.			
		6,571,296	05/27/2003	Dillon			
		6,574,211	06/03/2003	Padovani et al.			
		6,597,913	07/22/2003	Natarajan			
		6,687,509	02/03/2004	Schmutz et al.			
		6,745,484	04/28/1998	Scott			
		6,768,727	07/27/2004	Sourour et al.			
	*	6,795,416	09/21/2004	Han et al.			
		6,831,910	12/14/2004	Moon et al.			
		2001/0038674	11/08/2001	Trans			
		2002/0012332	05/30/2006	Tiedmann et al.			

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	*	2003/0060224	03/27/2003	Nelson et al.			
		2003/0123401	07/03/2003	Dean			
	*	2004/0009785	01/15/2004	Nelson et al.			
		2004/0160910	08/19/2004	Gorsuch et al.			
		2004/0180696	09/16/2004	Foore et al.			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		443061	08/1991	EP				
		526106	02/03/1993	EP				
		635949 <small>Corresponds to US5606560</small>	01/1995	EP			*	
		682423	11/15/1995	EP				
		682426	11/15/1995	EP				
		719062	06/26/1996	EP				
		720309	12/12/1995	EP				
		2761557 <small>Corresponds to US6526064</small>	01/1998	FR				
		2326524	12/23/1998	GB				
		95/08900	03/30/1995	WO				
		96/08934	03/21/1996	WO				
		96/27994	12/09/1996	WO				
		96/37081	11/21/1996	WO				
		97/23073	06/26/1997	WO				
		97/26726	07/24/1997	WO				

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		97/32412	09/04/1997	WO				
		97/46044	12/04/1997	WO				
		99/31811	06/24/1999	WO				
		99/52306	10/13/1999	WO				
		99/63682	12/09/1999	WO				

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		Chih-Lin I et al., Multi-Code CDMA Wireless Personal Communications Networks, June 18, 1005.
		Chih-Lin I et al., IS-95 Enhancements for Multimedia Services, Bell Labs Technical Journal, Pages 60-87, Autumn 1996.
		Chih-Lin I et al., Performance of Multi-Code CDMA Wireless Personal Communications Networks, July 25, 1995.
		Liu et al., Channel Access and Interference Issues in Multi-Code DS-CDMA Wireless Packet (ATM) Networks, Wireless Networks 2, Pages 173-196, 1996.
		Chih-Lin I et al., Load and Interference Based Demand Assignment (LIDA) for Integrated Services in CDMA Wireless Systems, November 18, 1996, Pages 235-241.
		Budka et al., Cellular Digital Packet Data Networks, Bell Labs Technical Journal, Summer 1997, Pages 164-181.
		Cellular Digital Packet Data, System Specification, Release 1.1, January 19, 1995.
		Data Standard, Packet Data Section, PN-3676.5 (to be published as TIA/EIA/IS-DATA.5), December 8, 1996, Version 02 (Content Revision 03).

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		Data Service Options for Wideband Spread Spectrum Systems: Introduction, PN-3676. 1 (to be published as TIA/EIA/IS-707.1), March 20, 1997 (Content Revision 1).
		Packet Data Service Option Standard for Wideband Spread Spectrum Systems, TIA/EIA Interim Standard, TIA/EIA/IS-657, July 1996.
		Mobile Station-Base Station Compatibility Standard for Dual-Mode Wideband Spread Spectrum Cellular System, TIA Interim Standard, TIA/EIA/IS-95-A (Addendum to TIA/EIA/IS-95), May 1995.
		Mobile Station-Base Station Compatibility Standard for Wideband Spread Spectrum Cellular Systems, TIA/EIA Standard, TIA/EIA-95-B (Upgrade and Revision of TIA/EIA-95-A), March 1999.
		Network Wireless Systems Offer Business Unit (NWS OBU), Feature Definition Document for Code Division Multiple Access (CDMA) Packet Mode Data Services, FDD-1444, November 26, 1996.
		Draft Text for "95C" Physical Layer (Revision 4), Part 2, Document #531-981-20814-95C, part 2 on 3GPP2 website ( <a href="ftp://ftp.3gpp2.org/tsgc/working/1998/1298_Maui/WG3-TG1/531-98120814-95c,%20part%202.pdf">ftp://ftp.3gpp2.org/tsgc/working/1998/1298_Maui/WG3-TG1/531-98120814-95c,%20part%202.pdf</a> , 1998).
		Draft Text for "95C" Physical Layer (Revision 4), Part 1, Document #531-981-20814-95C, Part 1 on 3GPP2 website ( <a href="ftp://ftp.3gpp2.org/tsgc/working/1998/1298_Maui/WG3-TG1/531-98120814-95c,%20part%201.pdf">ftp://ftp.3gpp2.org/tsgc/working/1998/1298_Maui/WG3-TG1/531-98120814-95c,%20part%201.pdf</a> ). 1998
		Reed et al., Iterative Multiuser Detection for CDMA with FEC: Near-Single-User Performance, IEEE Transactions on Communications, Vol. 46, No. 12, December 1998, Pages 1693-1699.
		Hindelang et al., Using Powerful "Turbo" Codes for 14.4 Kbit/s Data Service in GSM or PCS Systems, IEEE Global Communications Conference, Phoenix, Arizona, USA, November 3-8, 1997, Vol. II, Pages 649-653.
		Kaiser et al., Multi-Carrier CDMA with Iterative Decoding and Soft-Interference Cancellation, Proceedings of Globecom 1997, Vol. 1, Pages 523-529.
		Wang et al., The Performance of Turbo-Codes in Asynchronous DS-CDMA, IEEE Global Communications Conference, Phoenix, Arizona, USA, November 3-8, 1997, Vol. III, Pages 1548-1551.
		Hall et al., Design and Analysis of Turbo Codes on Rayleigh Fading Channels, IEEE Journal on Selected Areas in Communications, Vol. 16, No. 2, February 1998, Pages 160-174.
		High Data Rate (HDR) Solution, Qualcomm, December 1998.

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